

DERWENT-ACC-NO: 1995-160082

DERWENT-WEEK: 199521

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TITLE: Soln. for etching titanium nitride coatings - contains  
hydrofluoric, nitric and sulphuric acid, and additional  
hydrogen peroxide

INVENTOR: POLYANSKII, A M; RUZHEVA, S V

PATENT-ASSIGNEE: MEASUREMENT ENG RES INST[MEASR]

PRIORITY-DATA: 1990SU-4836592 (June 7, 1990)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<b><u>RU 2019579 C1</u></b>	September 15, 1994	N/A	003	C23G 001/02

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
RU 2019579C1	N/A	1990SU-4836592	June 7, 1990

INT-CL (IPC): C23F001/26, C23G001/02

ABSTRACTED-PUB-NO: RU 2019579C

BASIC-ABSTRACT:

Addn. of H<sub>2</sub>O<sub>2</sub> (I) to the soln. for etching TiN coatings, improves its effectiveness. The soln. contains (in wt.%): HF 20-25, HNO<sub>3</sub> 20-25, H<sub>2</sub>SO<sub>4</sub> 25-30 and (I) 25-30 and finds use in repairing the defective TiN coatings on stainless steel dentures, etc.

USE - In stomatology.

ADVANTAGE - Increased efficiency of the process.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: SOLUTION ETCH TITANIUM NITRIDE COATING CONTAIN HYDROFLUORIC NITRIC  
SULPHURIC ACID ADD HYDROGEN PEROXIDE

DERWENT-CLASS: D21 D22 L02 M14

CPI-CODES: D08-A03; D09-C01D; L02-H02B2; M14-A03;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1712U; 1714U ; 1724U ; 1732U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1995-074354